

Adrian Nugroho Pamungkas

☎ Sleman, DI Yogyakarta | 📞 +62 8181 8484 960 | ✉ adrianhokas.work@gmail.com |

🌐 LinkedIn | 🌐 GitHub

Summary

Passionate about Geoinformatics and Data Science, I am a highly driven individual with relentless curiosity, dedicated to exploring and innovating. Currently pursuing a postgraduate degree in Geoinformatics, I thrive on leveraging data-driven insights to solve real-world challenges. As an enthusiastic problem-solver, I am seeking impactful opportunities where I can apply my skills and expertise to make a positive difference.

Education

Universitas Gadjah Mada (July 2022 – present)

Master of Engineering (M.Eng.) – GPA 3,79 (Cum Laude)

Thesis (ongoing): Utilization of Augmented Reality Technology for 3D Visualization of Land and Spatial Information in Terban and Kotabaru Villages.

Universitas Gadjah Mada (August 2019 – July 2023)

Sarjana Teknik (S.T.) – GPA 3,77 (Cum Laude)

Bachelor thesis: Estimation of Vertical Deformation in the Coseismic Phase due to the Cianjur Earthquake of Magnitude 5.6 in 2022 using ALOS-2/PALSAR-2 Imagery.

Work Experience

Badan Riset dan Inovasi Nasional Republik Indonesia (Bogor, Indonesia)

Student Intern at Geospatial Research Center, Earth and Maritime Research Organization (Dec 2022 – Jan 2023)

- Actively participated in research projects focusing on processing Active Sensor Satellite Imagery Data with DInSAR and P-SBAS Methods.
- Conducted data analysis, providing valuable insights to research results.
- Contributed to journal writing, effectively communicating research findings.
- Demonstrated strong problem-solving skills, overcoming research challenges.

Universitas Gadjah Mada (Sleman, Indonesia)

GNSS Surveyor (2 – 4 Sep 2022)

Responsible for the collection of relatively static GNSS data on Opak fault monitoring points with a high level of precision, providing an accurate database for geodynamic research.

Universitas Gadjah Mada (Sleman, Indonesia)

Chief of Geodetic Engineering Field Work 2022 (Nov 2021 – Jan 2022)

- Efficiently managed a large-scale mapping project spanning 2600 hectares in Degan Village, Kulon Progo.
- Led and coordinated a diverse team of 119 person, ensuring a smooth workflow and successful execution.
- Played a crucial role in designing and measuring points for main polygons, critical for accurate mapping results.
- Utilized advanced geodetic tools, for example Geodetic GPS and Digital Waterpass for precise measurements.
- Demonstrated strong reporting skills, providing detailed updates and documentation throughout the project.

Universitas Gadjah Mada (Sleman, Indonesia)

Laboratory Teaching Assistant (Aug 2021 – Jul 2022)

- Created materials, provided tutorials, and assisted in practical lectures for Geographic Information Systems, Basic Terrestrial Surveying, and Computer Programming courses.
- At the end of semester, I became a mentor for the final project assignment and made an assessment report which was submitted to the lecturer.

Kementerian Agraria dan Tata Ruang/Badan Pertanahan Nasional (Remote)

Student Intern in Map Studio Division, Directorate General of Spatial Planning (Jul 2021 – Oct 2021)

- Participated in basic Rencana Detail Tata Ruang (RDTR) training.
- Assisted in quality checking and validating Rencana Detail Tata Ruang (RDTR) documents through the GISTARU portal.
- Collaborated with stakeholders to improve the accessibility of spatial data on the GISTARU portal.
- Involved in a team to conduct spatial checking and prepare the final report.

Scholarship

Universitas Gadjah Mada (Sleman, Indonesia)

Fast Track Program (July 2022 – present)

Selected as a student of the fast track program, I was considered to have high academic capability, motivation for further studies, and active involvement in research and publications. As a scholarship recipient, I am required to complete my bachelor's and master's degrees within 5 years with a commitment to be on time and achieve good academic performance.

Digital Talent Scholarship by Kementerian Komunikasi dan Informatika (Jakarta, Indonesia)

Azure Artificial Intelligence Student (Feb 2024 – Mar 2024)

Selected to take part in Digital Talent Scholarship 2024 Batch 1 program organized by the Ministry of Communication and Information of the Republic of Indonesia (Kominfo RI) partnering with Microsoft. In Azure Artificial Intelligence Engineer training, I followed two learning streams, namely "Azure Artificial Intelligence Fundamentals (AI-900)" and "Designing and Implementing a Microsoft Azure AI Solution (AI-102)". This course covered the basic understanding of machine learning, artificial intelligence and Microsoft Azure services.

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka (Jakarta, Indonesia)

Machine Learning Student (Feb 2023 – Jul 2023)

Selected as a Machine Learning cohort participant in Bangkit Academy, I also did self-paced individual learning through asynchronous classes at Dicoding Academy and Coursera. In this program, each participant had a mentor for consultation, and after successfully passed the exam/assessments would obtain a certificate of competence in machine learning developer learning path.

PT Bank Mandiri (Persero) Tbk (Jakarta, Indonesia)

My Digital Academy Batch 1 Program (Dec 2022 – Feb 2023)

Selected as a participant who has granted a stipend and a golden ticket (conditional job offer) to join Bank Mandiri. The selection was based on performance during the IT capability development program (product manager) through a one-month bootcamp.

Skills

Hard Skills:

- Indonesian and English (Professional Working)
- Geographic Information System (GIS)
- Data Analysis and Visualization
- Programming: Bash, Python, SQL, HTML, CSS, JavaScript, C#, Kotlin
- Graphic Design: Photoshop, CorelDraw
- GIS: ArcMap 10.8, ArcGIS Pro, QGIS
- Microsoft Office

Soft Skills:

- Leadership
- Critical thinking
- Time management
- Communication
- Problem solving
- Work in teams or individually

Organisational Experience

Kuliah Kerja Nyata Pemberdayaan Kepada Masyarakat Universitas Gadjah Mada (Jan 2022 – Aug 2022)

Sub-unit Student Coordinator in Ringu Rara Village, West Sumba

I was responsible for coordinating student activities at the sub-unit level, including planning, implementing, and reporting activities. I was also involved in reporting urgent events, collecting data, and recapitulating activity results at the sub-unit level.

Keluarga Mahasiswa Teknik Geodesi (May 2020 – May 2022)

Staff in Media and Publications Departement

I had experience in designing visual products and making videos for official publication across all KMTG's social media accounts.

Badan Eksekutif Mahasiswa Keluarga Mahasiswa Universitas Gadjah Mada (Apr 2020 – Dec 2020)

Staff in Visual Product Division, Ministry of Media and Information

I had experience in designing visual products for official publication across all BEM KM UGM's social media accounts.

Portfolio

 www.drianium.com